



PATENT
0760-0297P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Hiroki KUMAGAI et al. Conf.: 9428
Appl. No.: 09/980,197 Group: 1614
Filed: November 30, 2001 Examiner: R. COOK
For: AGENT FOR MODULATING GROWTH OR
GENERATION OF HAIR

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FEB 19 2003

TECH CENTER 1600/2900

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents
Washington, DC 20231

February 13, 2003

Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

☐ The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	12	-	32	=	0	\$18	\$0.00
INDEPENDENT	1	-	3	=	0	\$84	\$0.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						\$280	\$0.00
						TOTAL	\$0.00

02/14/2003 HDEMESS1 00000048 09980197

01 FC:1253

930.00 OP

Appl. No. 09/980,197

- ☒ Petition for three (3) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$930.00 for the extension of time.
- ☐ No fee is required.
- ☒ Check(s) in the amount of \$930.00 is(are) enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

 #43575
for Gerald M. Murphy, Jr., #28,977

GMM/GMD/jmb
0760-0297P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s)

(Rev. 10/15/02)



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AMENDMENT UNDER 37 CFR 1.111

Assistant Commissioner for Patents
Washington, DC 20231

February 13, 2003

Sir:

In response to the Examiner's Office Action dated August 18, 2003, the period for response having been extended three months to February 13, 2003, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE SPECIFICATION:

Please replace the paragraph on page 2, lines 6-17 with the following:

--Physiological actions by PGE₂ are expressed by binding of PGE₂ to specific receptors.

Further, the receptors to which PGE₂ bind may be classified into 4 receptor subtypes called EP1, EP2, EP3 and EP4 receptors (Coleman, R.A. et al., Pharmacol. Rev., 46, 205-229 (1994)). It is also known that each receptor subtype participates in different physiological action. For example, the febrile response by PGE₂ is caused by binding of PGE₂ to EP3 receptor (Ushikubi F., Nature,